



TGFB3, 24-412aa, Human, His tag, E.coli

Cat.NO.: TP04190

3th Edition

Synonyms:Transforming growth factor beta-3, ARVD, ARVD1, RNHF, TGF-beta3

Description:TGFB3 also known as transforming growth factor beta-3. This protein is secreted and is involved in embryogenesis and cell differentiation. TGFB3 defects a cause of familial arrhythmogenic right ventricular dysplasia 1. Recombinant human TGFB3, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight:47.2kDa (412aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSLSCTTLDLFGHIKKRVEAIRGQILSKLRLTSPPEPTVMTHVPYQVLALYNST
RELLEEMHGEREEGCTQENTESEYYAKEIHKFDMIQGLAEHNELAVCPKGITSKVFRFNVSSEKRNRTNLFRAEFR
VLRVNPSSKRNEQRIELFQILRPDEHIAKQRYIGGKNLPTRGTAEWLSFDVTDTVREWLLRRESNLGLEISIHCPCH
TFQPNGDILENIHEVMEIKFKGVDNEDDHGRGDLGRLKKQKDHHNPHLILMMIPPHRLDNPQGQGGQRKKRALDTNY
CFRNLEENCCVRPLYIDFRQDLGWKVVHEPKGYANFCSGPCPYLRSADTTHSTVLGLYNTLNPEASASPCCVPQ
DLEPLTILYYVGRTPKVEQLSNMVVKCKCS

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.